

Even in the wilderness, Sunday is a day to rest, attend meetings and sing hymns.

"Rumor has it  
the instructor  
put a worm in  
the sausage."

## ● Stress tests survival abilities

(Cont. from p. 3)

"You are not starving," the leader says. "This is a lesson in stewardship. Sheep were put here to serve man. Maybe you'll think a little more about the value of life when you pass the meat counter at the grocery."

The knife goes in, across the throat, and the blood gushes out into the ground. Some of the instructors hold the sheep, until it stops squirming. The head is cut, then twisted off with a sickening crunch. The carcass is hung in the tree, and we all help pull the skin off and remove the organs.

Our group is assigned to make sausage. "Don't think about it," says the girl next to me. "Just think of it as meat." I pull out my pocketknife and start chopping the meat against a rock.

"I can't jump, it's too far. I can't fall, I'll break my neck."

The meat is boiled and seasoned, and mixed with a little rice; then we stuff it back into the small intestines.

Dinner consists of a hunk of mutton, a little sausage, a small chunk of stomach bread that has been cooked in the sheep's stomach, and "ashcakes." Ashcakes are the trademark of BYU survival expeditions. We mix flour and water and a little salt until it looks like paste, mash it flat and throw it on the coals, until it's brown but not burnt. If Julia Child could see me now!

We eat out of pop cans, with the lids cut off, with bark "spoons." Everything has dirt and sand in it. Rumor has it that the instructor put a worm in the sausage. Gross, someone says, but everyone eats anyway.

After dinner, we have a campfire, with skits and songs. This is kind of fun. Some of the songs I remember from Girl Scout camp, ones ago, and some are new. I never could carry a tune, but I sing anyway, as loudly as I can.

Time for bed. I have lost my contact lens case, and no one has an extra. I can't sleep in them, my eyeballs already feel like they've been fried. I stuff them up under my gums and hope I don't swallow them during the night.

**Day three:** It is raining and the plastic tarp over our sleeping bags has blown down. Activities for the day are cancelled, because they would be too dangerous in the rain. I wonder what on earth they had planned, and say a silent prayer of thanks for the rain.

Breakfast is cracked wheat, in the same dirty pop-cans, with a little brown sugar and a little more gravel. It tastes slightly of mutton. We hurry to gather wood before it is all soaked.

The sun comes out and the activities are rescheduled. We pack up our gear, throw it on the truck and start hiking with our groups, counting off and issuing challenges and jeers to other groups. This is the day to overcome fear, says the instructor.

First on the agenda is rappelling. I am a novice, so I get to back down. Those who have gone before have to go face down. "Just look at my eyes, says the leader as he talks me through it, "You're not scared." This is fun, I wish we could do this all day.



Wedgehead china it isn't, but lidless pop cans and bark spoons do serve their purpose.

We start out on "solo," and wander off alone, armed with journals and scriptures, to think for a while. I sit down by a little creek, and look around. The mountains are beautiful. "Hi, God," I say. "I'm still here."

Dinner is beans, out of the same old pop cans, with the same old gravel. They taste great.

We head back to the field, with our sleeping bags, for testimony meeting.

**Day five:** We are going home. We pack up our gear, throw it on the truck, and slap each other on the back. Were these people really strangers five days ago? I wonder what they look like in real life, when they are clean, and are not eating gravel out of pop cans.

We have to run all the way to the bus, three miles. I ran a quarter of a mile in my high school P.E. class, once. Three miles? I am going to do it, and I am not going to be last this time. We get an orange for breakfast. If I eat it, I'll get sick trying to run. I put it in my pocket for after the run.

I start running, and run until I think I am going to drop. I try to run a little more, then start walking. The orange is bouncing in my pocket and hitting my leg. I consider throwing it out, but I know I'll want it when I'm finished. It keeps bouncing and hitting my leg. I take it out, and throw it as far as I can. After all, it's biodegradable. I start running again.

I finally make it to the bus. I think I am last again. We stand around the bus and hug each other, plan reunions, make jokes and try not to inhale. Five days is a long time without soap.

We get on the bus, and head back to Provo. The radio is playing "Looks Like We Made It," and everyone is singing along.



Sleeping under the stars is a welcomed end to long, vigorous days.

Wilderness survival adventure see page 3

Coaches breeze past Aggies see page 10















## Woes predicted for security funds

(con't from page 15)  
revenues would flow into the fund, although it would raise the future obligations of the system.

-President Carter suggested that in years when unemployment exceeds six per cent of the population, revenues should be taken from the U.S. Treasury and put in the Social Security fund. "This would not restore fiscal soundness to the program," Witt pointed out, adding "it would make just another welfare program."

-Begin taxing Social Security benefits.

-Require a means test for receiving Social Security benefits.

Witt recognizes that there may be strong objections to these possible solutions to the Social Security problem, but said that one fact is clear: "Some action must be taken soon if the fiscal integrity of the program is to be preserved."



**TUESDAY  
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SEPT. 27  
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**RAYMOND A. MOODY, M.D.**

**AUTHOR OF LIFE AFTER LIFE**

**"NEAR-DEATH EXPERIENCES"**



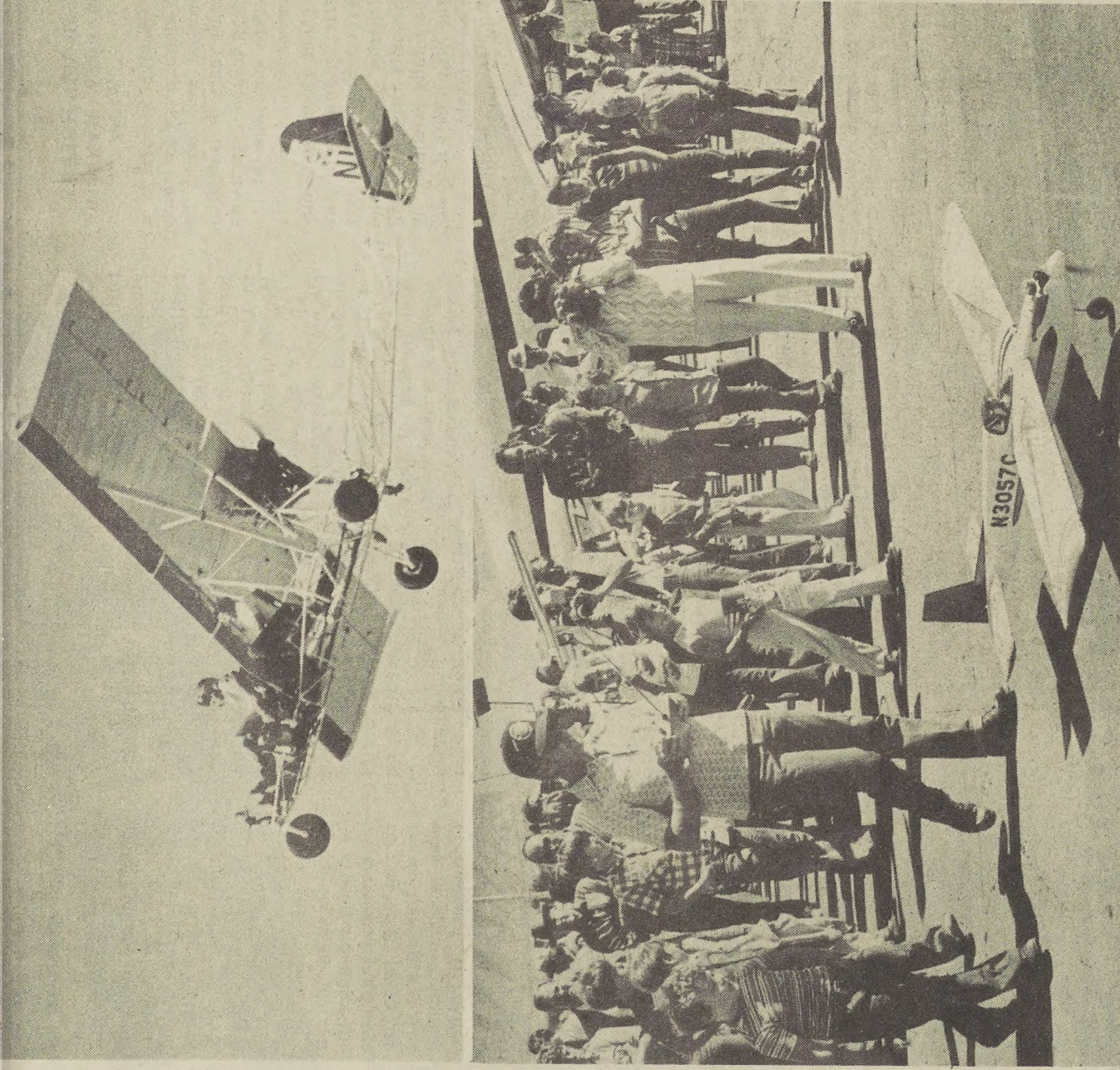
### SOME OF DR. MOODY'S VIEWS

**On His Instant Fame** — "Basically, I'm an introvert and homebody. And I don't like being away from my family so much."

**On the Public Reaction to His Book** — "This has been very gratifying for me. I've gotten hundreds of letters from people who have said they have carried their experience around inside themselves for years without telling even their closest friends or relatives. But now they can talk about it for the first time."

**On His Personal Reaction to the Research** — "... after talking to hundreds of people who have had this experience, I personally do not doubt that there is survival of bodily death. I'm not drawing that conclusion as a scientist. In fact, I don't think there will be a definite proof of life after death in the strict sense. I believe this is more a matter of faith."

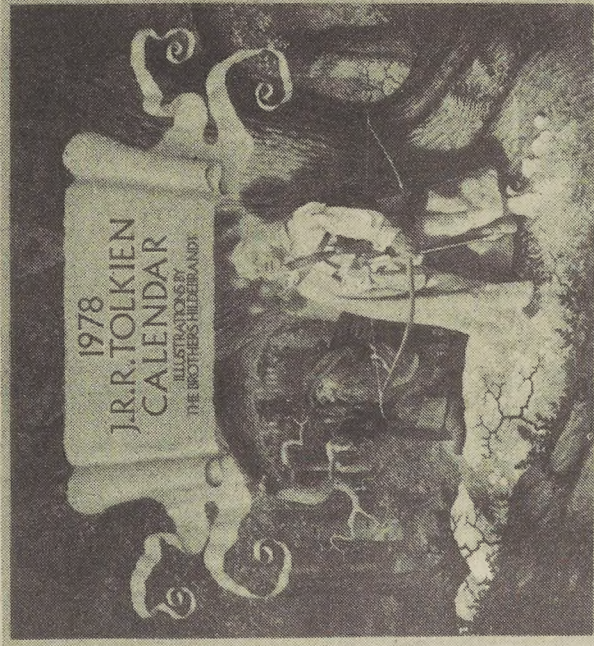
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By SYBIL ALGER  
Monday Magazine  
Asst. Editor

Geneva.  
The mere mention of the steel plant in Orem sends environmentalists into fits and employees into defensive positions. In a period of environmental concern and economic downturn, Geneva is more vulnerable than ever, not only to adverse publicity but also to the political winds of the day. But Hank Huish,

general superintendent of the Geneva Works thinks the steel industry's current problems go much deeper than the obvious pollution and inflation issues frequently discussed in public forums.

"The industry is at a crossroads," he says. "Our market has been eroded tremendously by foreign steel," and the problem isn't confined to just steel; shoes, radios, cameras are all being threatened by foreign competition.

"This isn't because we (Americans) are not as productive or because our people can't or won't do the job. It's because we are competing with government-subsidized businesses, and there ain't no way U.S. Steel can take on the entire Japanese government!"

Japan and Britain are two examples frequently cited by Geneva Steel executives as threats to the American economy, though they are not the only ones.

"We (the steel industry) have been proponents of fair trade since day one and we still are," Huish emphasizes. "But we want an international fair market, too, where we're all working under the same rules — where we're not in competition with products that are being sold on our shores at far less than the price it costs to produce it. That's basically the problem."

Using Japan as a model, Huish says its government is dedicated to full employment of its people and subsidization of its industry, which in essence, means they "export their unemployment at a price to our shores."

Claims Japanese Dumping

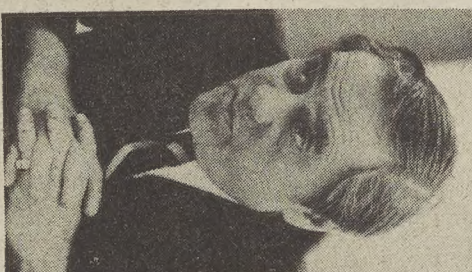
Japan "dumps" its products on the U.S. particularly on the West Coast, Huish claims. Once production goes beyond the break-even point, a company can sell its products at extremely low prices to American consumers. "This is possible because the foreign government is willing to subsidize the loss."

"People keep saying 'the Japanese are more modern, that they have new mills,' better facilities. You're darn right they've got all those new mills, but that's primarily because of the Bank of Japan, not because of their customers!" Huish pounds the table with his forefinger as he stresses the point. "We just don't have the money to modernize."

In Huish's mind, money is the key factor in the issues facing industry today. "When we don't have a growth situation, we don't have profitability," he says. "Most profit is plowed back into a business. New facilities, pollution control devices, all of those things are made possible through profits. We're trying to compete with the Japanese by discounting prices to levels we know are below their cost of



Superintendent Huish...



...at crossroads

production. So our profits are greatly eroded. We don't have the money to invest back in and we don't have the money to modernize. This has been going on for 10 years now.

Is there a solution to the entrenchment of foreign companies on domestic production. So our profits are greatly eroded. We don't have the money to invest back in and we don't have the money to modernize. This has been going on for 10 years now.

By VAL HOLEY  
Monday Magazine  
Writer

Social Security, a Federal program which worked well during its early years, finds itself in deep trouble even as its taxes continue to increase.

Don Donaldson, district manager of the Provo Social Security District, says the Social Security trust fund will be totally exhausted by the early 1980's if no action is taken.

In an address to Congress last May, President Carter said some 33 million Americans currently receive Social Security benefits and another 104 million workers and employers are contributing taxes to the program and earning retirement credits. They will count on Social Security to meet their retirement income needs in the future.

Estimates place Social Security's long-term unfunded liability to current workers and retirees between \$3-\$4 trillion. That equals nearly \$16,000 for every man, woman and child in the United States, Donaldson explained.

In 1976, Social Security expenditures amounted to 10.78 percent of all taxable payrolls. However, only 9.90 percent of these payrolls was collected in taxes. This means that for 1976, Social Security incurred a .88 per cent deficit by paying out more in benefits than it received in funds, says Allan J. Witt, research director of the Utah Foundation.

Compensated twice  
The average-aged BYU students is 20 years old and will reach retirement age in the year 2020. Experts predict that Social Security expenditures will equal 21.3 percent of taxable payrolls in 2020. Witt pointed out. Since the present law calls for an employee-employer tax rate of only 11.9 percent on that year, the program deficit will amount to 9.4 percent. By the year 2050, that deficit will have increased to 16.7 percent.

amount of \$16,500 in taxable income per year will also increase. "In time, many individuals will retire with more money than they earned while working," Witt explained.

Demographic changes. With reduced birth rates in recent years, fewer people can be expected to enter the work force in the future to pay the necessary taxes to support the ever-increasing number of retirees. "Currently, the ratio of workers to retirees they support is about three to one," said Donaldson. "After the turn of the century, this ratio will decrease to about two to one."

Presently, Federal employees and others are exempt from Social Security payments. "If coverage were expanded to include these groups," Witt said, "additional

STAR WARS CALENDAR



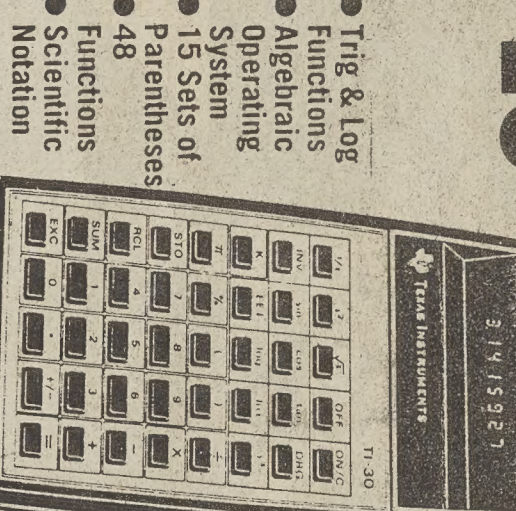
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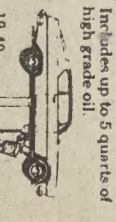


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markets?  
The steel industry is working for enforcement of trade laws. "There are specific rules on the books that require a fair trade situation. In our opinion, they are not being enforced," Huish says. "The American steel industry is pushing very hard this year to get some enforcement, but it appears the federal government is reluctant to move."

## U.S. Aided Japan's Industry

The Japanese situation is further complicated by the United States' role in its development. America encouraged the Asian nation to reindustrialize and rebuild after World War II, with the goal of becoming a strong economic force. Obviously, the effort succeeded beyond anyone's imagination.

"Their only outlet economically was to export their products on the free market," Huish laments, "and, unfortunately, the United States was the only free market in the world. So we're stuck."

Huish is confident stronger enforcement of trade laws would be sufficient to offset Japanese

advances. "We can be profitable; we can make money; we can buy gas cleaning facilities and do all those things we've been asked to do and still grow," he insists.

Though Huish advocates stronger trade restrictions, he is opposed to the use of tariffs. "We're not asking for tariffs or import duties unless they're absolutely necessary," he explains. "I don't believe tariffs are good for anything; they're counterproductive."

Though economics is on the minds of Geneva's executives, pollution is one of the topics frequently mentioned by the public. "I'm a staunch environmentalist," Huish asserts, "just like everyone else who was born, bred and buttered here. It is our desire to live every aspect of the law the best we can."

The Geneva plant is in compliance with Environmental Protection Agency (EPA) and state standards, though company officials are still concerned about the particulate levels.

"We're working very hard on our major visible pollutant, the red mist

you see," he said. "That's just pure and simple iron dust. Although it's very fine, it remains visible because it is so fine. But we are meeting current air quality regulations."

Huish points out that Utah Valley is cleaner now than when he was young. "We have natural gas now, but then everything was coal-burning. The sky was black," he related. "And if you read back in Utah history, you'll find that the Indians called it The Valley of Great Smokes because it was prone to inversion even then."

The white plumes often seen over Geneva's smokestacks are steam, he explains. Hot coke is pushed from ovens into train cars, and bathed in water, which sends columns of steam into the air.

Huish cites the \$9 million baghouse which is currently under construction to clean gasses coming from the boiler house as part of the company's continuing efforts in pollution control.

The methods environmentalists use to criticize Geneva's operations are not appreciated by the

man who has to answer public opinion is not very positive. "People seem to have the idea that all industries are big, rich and loaded with profits. We have a very small profit margin because we have a high capital outlay per employee. Ours is a tremendously high cost business."

"I don't think that's been recognized, especially when I see some of the gross and exaggerated statements that are made by the environmentalists who are dedicated to the preservation of something, of which I know not."



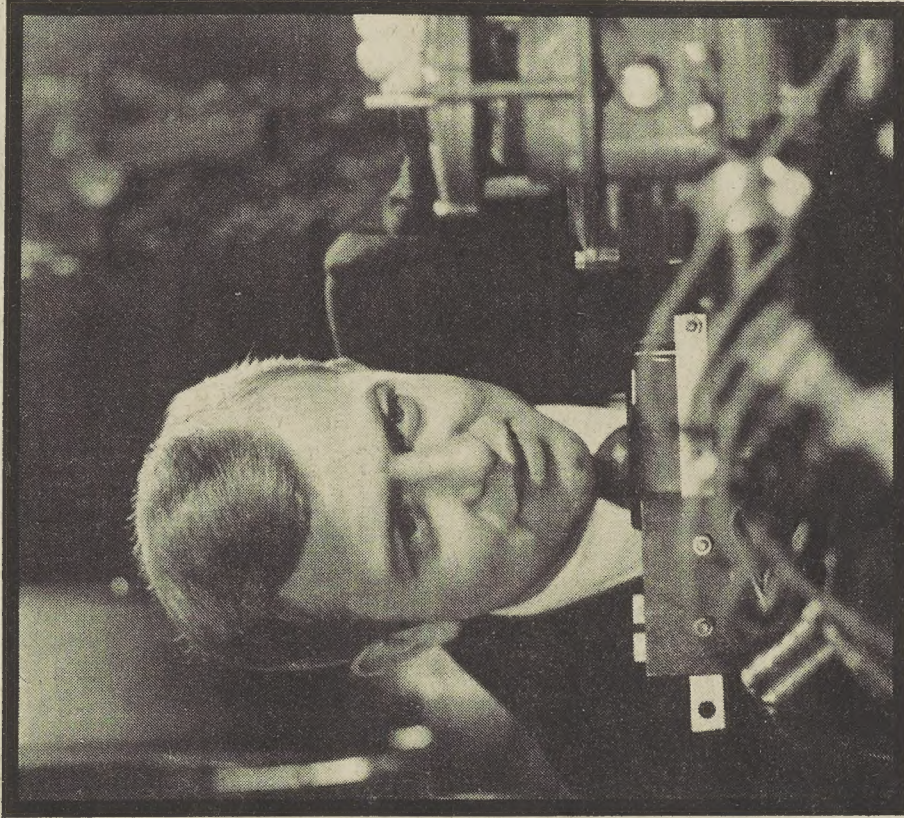
Smaller industries, such as the Geneva Steel Plant, face stiff competition from foreign exports and foreign-government subsidized goods.

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Mr. Billings received his Bachelor of Science Degree at Brigham Young University. He was born January 4, 1948. He is married and has three daughters.



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### Vandals go on window-breaking spree

At least thirty northeast Provo residents reported that their car windows had been shattered by vandals sometime between 9 p.m. Friday and 7 a.m. Saturday. The vandals apparently used some type of pellet gun, police say.

### to be organized

The extramural Ice Hockey Club will meet Tuesday at 7 p.m. in the Smith Fieldhouse cloakroom. All those interested are invited to attend the organizational meeting.

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## pollution control in U.S., study says

share among the major domestic steelmakers. It rates U.S. Steel stock as "okay to buy" for both the intermediate and long term.

this because during 15 years of "de facto" price controls they have not accumulated enough capital to do so, Merrill Lynch says. Japanese steel imports are a symptom of the American industry's problem, not the problem itself. It insists the problem is de facto price controls.

However, Japanese exports have been climbing in the United States. The Japanese government reports that its steel exports to this country in 1976 were up 32 percent over the 1975 tonnage. Japanese steel exports were up 60 percent in Europe, 24 percent in Communist China and 22 percent in Southeast Asia.

"Japan's export performance has continued to alarm her trading partners," the American Embassy in Tokyo reports. "Thus last May the United States and Japan agreed that Japan would limit its exports of color television sets."

While Merrill Lynch views the future of the American steel industry as a whole somewhat bleakly, it predicts the best long term performance by U.S. steel's 1977 earnings as second highest and its 1978 earnings as highest per

The Merrill Lynch study says Japanese steel workers are 30 percent more productive than their American counterparts, that the Japanese make more efficient use of coke and thus offset two-thirds of their fuel cost disadvantage.

Some U.S. steel industry spokesmen have charged that our steel industry is in economic trouble because Japan has been dumping steel here—selling it at relatively lower prices than charged to Japanese customers.

However, in Japan this summer, the American Embassy's steel expert, Greg Rubenstein, told this writer that the dumping question is still unsettled and under investigation. Rubenstein termed the Merrill Lynch study "a very good one."

The study asserts that to become competitive, American steel firms need a "massive building and modernization program." But it says they cannot afford



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After a short gain, Bill Ring (35) finds nothing but wall to wall Aggies.

## Gifford and friends

By Arlene Clark  
Assistant Sports Editor  
Photos by Lyle Stavast

Gifford Nielsen is an authentic Heisman Trophy Candidate. The 6' 5" senior from Provo, showed some 20,000 spectators in Logan, and countless others via regional TV, why he has a legitimate chance of winning the Heisman Trophy as he personally directed a 65-0 massacre of the Utah State Aggies.

Nielsen threw six touchdown passes and hit on 30 of 40 passes for 321 yards, as the Cougars rolled to 591 yards total offense against the out-classed Aggies.

Yet Nielsen's stats were deceptive. Only one time did he throw a pass that didn't reach the receiver and he threw that one away. Of Nielsen's two and a half quarters of play, Coach LaVell Edwards said, "Gifford threw as good as I've ever seen him do."

What Nielsen didn't do to humiliate USU, his teammates did. BYU didn't punt during the entire game as six Cougars scored touchdowns. And while Nielsen was passing all over the Aggies, BYU's running attack was grinding up 212 yards on the ground. The only thing that kept the Cougars offensive yard total for the game down was continual good field position for BYU.

Todd Christensen led the scoring brigade with three touchdowns while Mike Christensen had two. John VanderWenden, George Harris, Casey Wingard, and Scott Younger also added TD's.

It took BYU just 42 seconds to take control of the game against an emotionally high USU. The Aggies received the kickoff and three plays later fumbled away the ball. On the Cougars first offensive play, Nielsen set the Utah State ship to sinking with a 33 yard touchdown pass to VanderWenden. The TD pass came at 14:18 of the first quarter and Dev Duke's first extra point of the game gave BYU a 7-0 lead. It was all the Cougars needed.

It took just two more offensive plays before Utah State coughed up the ball again, and Nielsen then capped a seven play drive covering 42 yards with a five yard touchdown pass to Christensen.

"I thought the key to the game was our recovering the first two fumbles and scoring," Edwards said.

BYU led at the end of the first quarter 28-0, and 38-6 at half. The Cougar defense lost a possible shutout with just 26 seconds left in the half when USU converted BYU's first turnover of the year into six points. Aggie's quarterback Eric Hipple hit wide receiver Jimmy Bryant on the left sideline and Bryant carried the pass 63 yards for the score. The Cougar defense which lost the services of Melvill Ieremia in the first half with a sprained ankle, yielded just 58 yards on the ground. Aggie's halfback Rick Parrs, who entered the clash fourth in the nation in rushing, was held to just 72 yards on 12 carries.

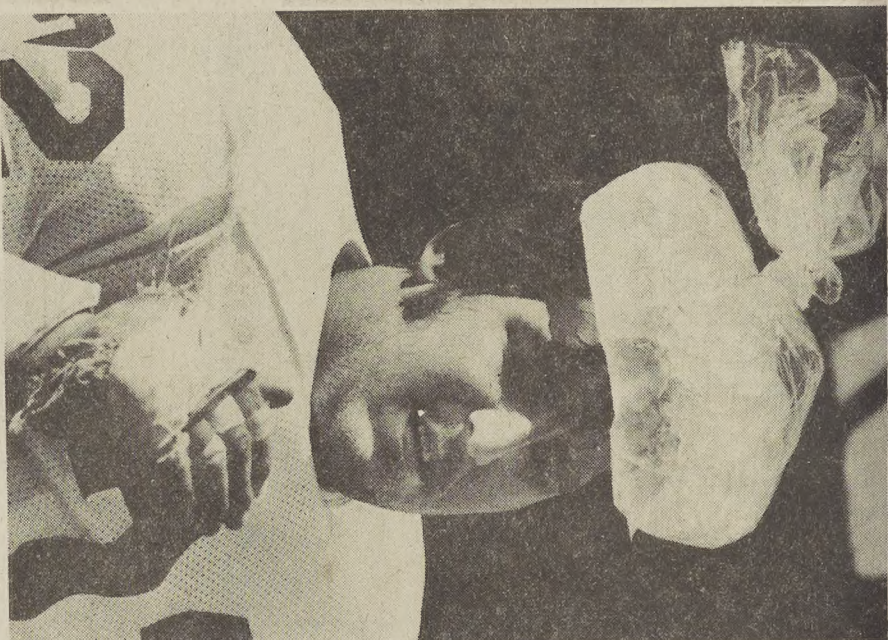
Romey Stadium records began to fall one by one in the second half as Nielsen picked up where he left off in the first half. The Provo native, engineered BYU to two touchdowns, on the Cougars first two possessions, and then was pulled for the afternoon in favor of backups Marc Wilson and Jim McMahon.

While the regulars were out of the lineup the backups kept up the pace. Wilson connected on seven passes for 52 yards including an eight yard scoring toss to Younger.

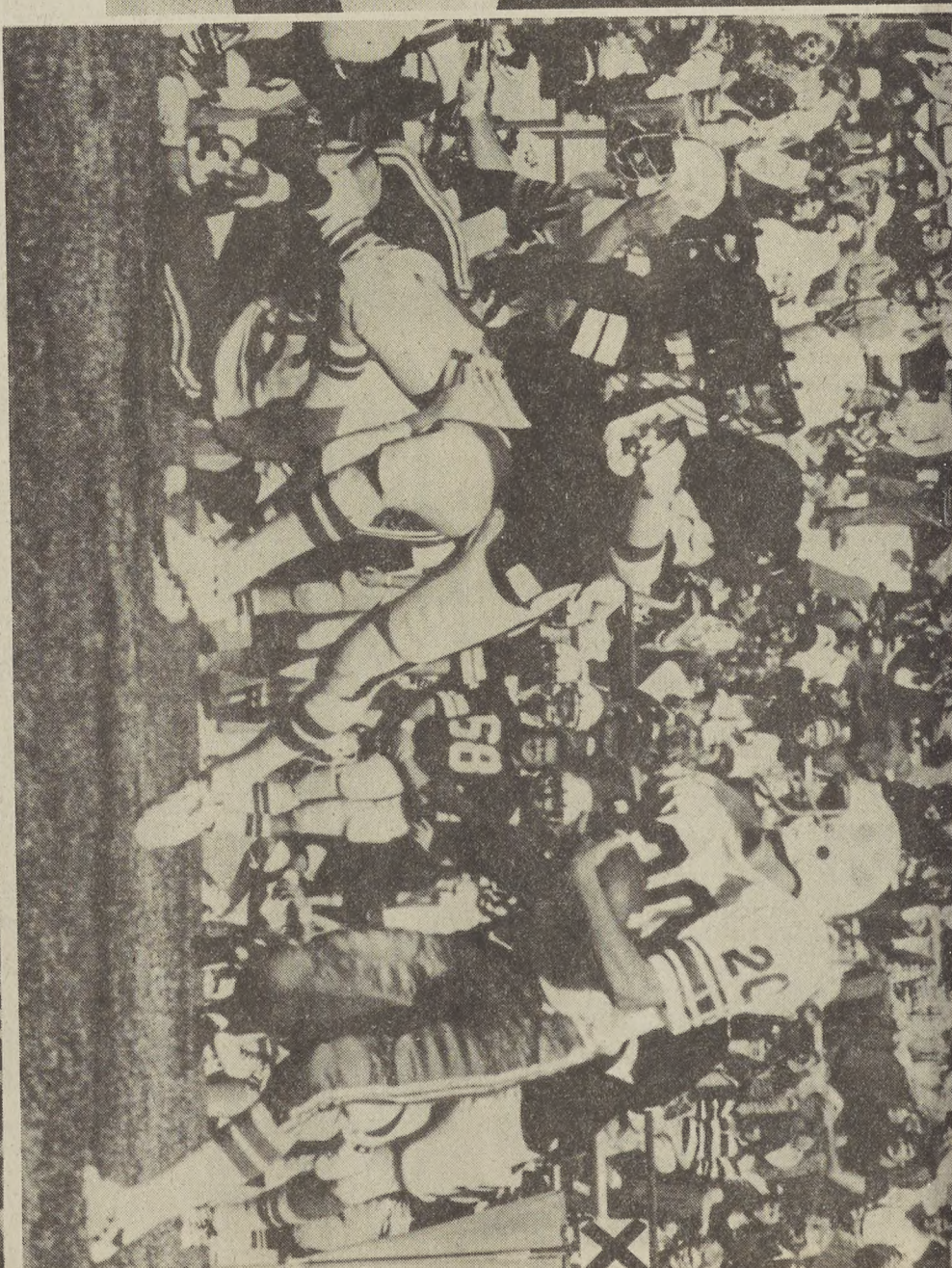
Highlight for BYU in the second half came when Wingard, a junior halfback, took an option pitch from Wilson and scampered 45 yards to paydirt with just 2:43 remaining. Wingard ended up leading the Cats in rushing with 52 yards in five carries. Starting backs, Christensen and Roger Goutley both had good afternoon for BYU also as they combined for 55 yards between them on the ground and 84 yards in the air.



Defensive end Ross Varner (91) puts the rush on Aggie quarterback Eric Hipple (10)



Right tackle Kelly Harris (72) cools off during Utah State game.



Freshman tailback Scott Phillips (20) scoots around left end for a good gain against Carter Spruill (70) in the 4th quarter.

## Take it to Aggies 65-6

Duke continued to show a strong kicking toe for BYU booting a 41 yard field in the first half on the only drive the Aggies stopped. He also connected on eight of nine PAT's. His long kicks kept USU deep in their own territory throughout most of the game.

Marks broken in the ball game were: number of TD passes (6), most points by an individual player (18 by Christensen), most point after touchdown attempts and conversions (Duke kicked 8 of 9), and most points by one team.



Aggie John O'Donnell (55) grabs the shirttail of fullback Todd Christensen (33) in a tackling effort.

"The Giffie" displays Heisman quality passing in second quarter action Saturday. Nielsen completed 30 of 40 passes in achieving a 75 percent passing mark, and 321 yards passing.

